

The background of the entire page is a blue-tinted image of soldiers in combat gear. In the foreground, several soldiers are shown in various combat stances, some holding rifles. In the background, two larger, semi-transparent images of soldiers are visible, one on the left and one on the right, both holding rifles and looking forward.

THEY HAVE
THE WILL...
WE HAVE **THE WAY**



PROGRAM EXECUTIVE OFFICE SOLDIER
OCTOBER 2005 • PEOSOLDIER.ARMY.MIL

PEO Soldier: The Right Concept at the Right Time

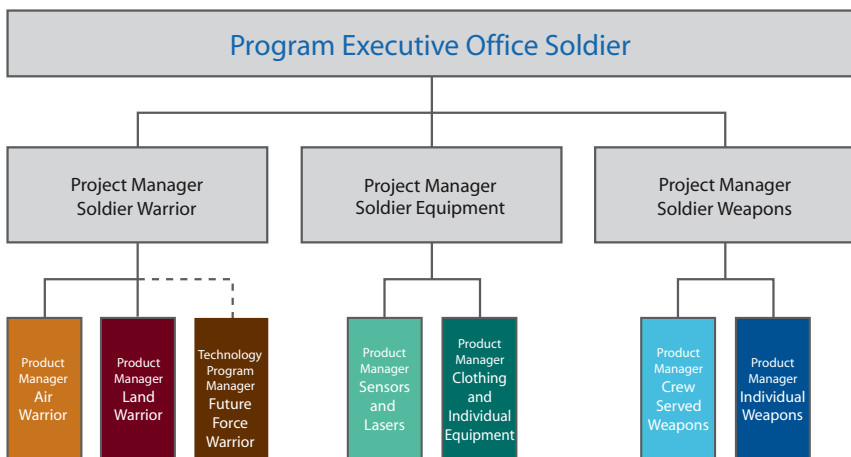
Program Executive Office (PEO) Soldier was created by the Army with one primary purpose: to develop the best equipment and field it as quickly as possible so our Soldiers remain second to none in missions that span the full spectrum of military operations.

As recent operations in Iraq and Afghanistan have vividly demonstrated, getting the right equipment to our military men and women is absolutely critical.

By viewing the Soldier as part of an integrated system, PEO Soldier ensures that the Soldier and everything he or she wears or carries works together as an integrated system. The result is an overall system design that benefits Soldiers by enhancing their ability to accomplish individual and collective tasks, improving quality of life, building confidence, and saving lives. In this respect, PEO Soldier is at the vanguard of Army transformation.

Headquartered at Fort Belvoir, Virginia, PEO Soldier designs, develops, procures, fields, and sustains virtually everything the Soldier wears or carries. By employing innovative concepts and technologies, PEO Soldier has made great strides in quickly getting improved equipment into the hands of Soldiers when and where they need it.





Program Executive Office Soldier is composed of the following Project Manager Offices and special activities:

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FY05 RFI Equipment List

Soldier Mission-Essential Equipment

Army Combat Boot (Hot Weather)
Army Combat Boot (Temperate Weather)
Combat Protective Eyewear
Black Fleece Bib and Jacket
Cold Weather Cap
Combat Belt
Commercial off-the-shelf Socks
Glove System
Goggles
Hydration System
Improved First Aid Kit
Infrared (IR) Markers
Modular Sleeping System
Moisture Wicking Sports Bra
Moisture Wicking T-Shirt
Modular Lightweight Load-Carrying Equipment (MOLLE) Accessories
Silk Weight Underwear
Visual/Language Translation Card

Force Protection/Mobility

Army Combat Helmet (ACH) and Accessories
Door Ram (35-pound)
Fiber Optic Viewer
Flex Cuff
Grappling Hook
Haligan Tool (Large)
Helmet Repair Kit
Infrared (IR) Strobe
Knee and Elbow Pads
Modular Entry Tool Kit

Modular Integrated Communications Helmet (MICH) System and Accessories
Multi-Band Inter/Intra-Team Radio (MBITR)
Tactical Assault Ladder with Backpack

Lethality

M122A1 or M192 Lightweight Tripod
M24 Small Binoculars
M240B Combat Ammo Pack
M240B Rails
M240B/M249 Spare Barrel Bag
M249 Ammo Soft Pack
M249 Collapsible Buttstock
M249 Rails
M249 Short Barrel
M4/M16 Improved Cleaning Kit
M4 Forward Grip Bipod
M4 Improved Buttstock
MonoLoc (PVS-14 to Spotting Scope)
Modular M9 Holster
Modular Weapon System Kit
Three-Point Sling
Viper (Vector 21)/MK VII
Weapon Light

Individual Weapons Optics

Backup Iron Sight
Improved Spotting Scope with Tripod
M145 Machine Gun Optic
M203 Day/Night Sight
M68 Close Combat Optic (CCO)
TA31F-4X Advanced Combat Optical Gun Sight (ACOG)



Rapid Fielding Initiative

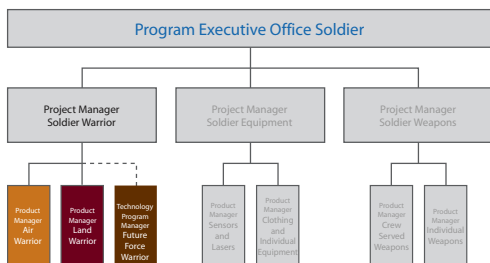
The Army's Rapid Fielding Initiative (RFI) program ensures that our Soldiers receive the finest individual and small-unit equipment that the Army can procure. RFI enhances the capabilities of our fighting forces—whether Regular Army, Reserve, or National Guard—in the daily performance of their missions. The program provides an equitable distribution of capabilities across our force, establishes a common baseline among units, and facilitates Soldier modernization in a systematic and integrated manner commensurate with the principles of the Soldier-as-a-System philosophy.

RFI began in November 2002 when PEO Soldier representatives met directly with Soldiers in the field to gather feedback about inadequacies in equipment, how to address them, and what new or additional equipment the Soldiers needed to succeed. Since that time, more than 440,000 Soldiers have been equipped with state-of-the art equipment. By the

close of fiscal year 2007, the entire operating Army of 948,000 Soldiers will be RFI-equipped.

The list of RFI equipment is refined and updated based on continuous Soldier feedback. Currently, the RFI list contains over 50 items in the categories of force protection/mobility, lethality, mission essential equipment, and individual weapons optics.

RFI is the vanguard for Army logistics and transformation. Because of the RFI program, what used to take months or years now takes weeks or even days from order to delivery. As we progress toward the Future Force, RFI, and programs like it, will be the rule rather than the exception. Throughout this process, PEO Soldier is committed to saving Soldiers' lives, improving their quality of life, and increasing their combat effectiveness.



PROJECT MANAGER Soldier Warrior

PM Soldier Warrior supports the Soldier as a system through the acquisition of all warrior systems. Air Warrior and Land Warrior programs provide significant improvements in:

- Soldier lethality
- Survivability
- Mobility
- Sustainment

Air Warrior integrates all aviation life support and mission equipment into a single aircrew ensemble that enhances cockpit synergy and aircraft mission capability.

Land Warrior integrates the Soldier into the digital battlefield and improves individual Soldier and small unit battle command and tactical awareness.

Development is underway on the Mounted Warrior Soldier System. Mounted Warrior is an integrated system designed to improve the survivability, lethality, mobility, and sustainability of combat vehicle crewmen.



Product Manager Air Warrior

Product Manager Air Warrior develops and fields integrated Soldier systems for Army helicopter crew members. Air Warrior development leverages several joint service technology efforts to create a total, modular system that increases freedom of movement at flight controls, increases mobility to safely operate aircraft systems, enables enhanced ingress/egress from the aircraft, and, through enhanced comfort, increases mission duration time in full, mission-oriented protective posture ensemble.



Air Warrior

Survival Equipment Subsystem

Primary Survival Gear Carrier
Survival Gear
Soft Body Armor with .30 Cal Hard Insert
Current M9 (9mm) - Defensive Weapon
Thigh Holster
PRC 90/PRC 112 Radios
Aircrew Survival Egress Knife

Clothing Items

Improved ABDU
Aircrew Cold Weather Clothing System

NBC Protection

M45 Protective Mask with Blower
M48 Protective Mask with Blower
Modified Chemical Protective Undergarment, Gloves, and Overboot
Joint Protective Aircrew Ensemble
Joint Service Aircrew Mask

Microclimate Cooling System

Microclimate Cooling Garment
Microclimate Cooling Unit





Modular Integrated Helmet Display System (MIHDS)

HGU-56/P/IHADSS Helmet

Communications Earplug
(HGU-56/P)

Laser Eye Protection

Night Vision Goggles

Maxillofacial Shield (MFS)



Cockpit Air Bag



Over Water Mission Equipment

Anti-Exposure Suit (CWU-62/P)

Overwater Gear Carrier w/
Integrated Raft

Survival Egress Air

Low Profile Flotation Collar



Electronic Data Manager

Interface with AMPs

Interface with BFT

Moving Map Displays

Performance Planning

Checklists/Manuals

Operates off Aircraft Power

Aircraft Wireless Intercom System

CH-47 and UH-60 only



Product Manager Land Warrior

Product Manager Land Warrior is developing the integrated Soldier System for Ground Soldiers. The system provides significant improvements in Soldier tactical awareness, lethality, survivability, mobility, and sustainment. Land Warrior's improved battle command and tactical awareness will improve individual and small unit combat effectiveness and reduce fratricide incidents among Soldiers.

The Mounted Warrior Soldier System is an integrated approach to equipping the mounted crewman and select maneuver support/sustainment Soldiers to fight, survive, and win across the full spectrum of operations. The complete system links mounted crewmen to their platform sensors and available command, control, communications, computers,



information, surveillance and reconnaissance equipment integral to their units and provides enhanced Soldier protection.



Mounted Warrior



Land Warrior



Multiband Inter/Intra Team Radio (MBITR) AN/PRC-148(V)(C)



Dismounted-Combat ID Marking System (D-CIMS)

Technology Program Manager Future Force Warrior

In 2005, the FFW Advanced Technology Demonstration (ATD), a science and technology effort of the Natick Soldier Center, consolidated personnel with PM Soldier Warrior to jointly develop the Ground Soldier System (GSS), which is the next increment of the Land Warrior integrated, modular fighting system—as specified in one of four Soldier as a System Capability Development Documents. GSS will eventually provide advanced warfighting capabilities for all dismounted, maneuver support, and maneuver sustainment Future Force Soldiers. It will be interoperable within the Future Combat Systems (FCS) Unit of Action and employ a system-of-systems approach, optimizing and integrating components while reducing the Soldier's combat load and logistical footprint. The system will include head-to-toe individual protection, networked communications for increased



Sensory Enhancement



Protection (Integrated Suit and Helmet)



Strike (Exploit FCS Netted Fires)



Robotics



Human Performance and
Embedded Training



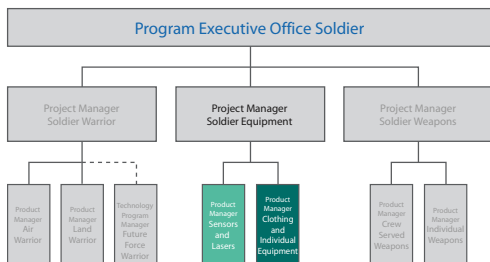
Power Sources

situational awareness and lethality, extended duration
Soldier-worn power sources, physiological monitoring, embedded training capability, and significantly enhanced individual performance and combat team effectiveness.



Future Soldier





PROJECT MANAGER Soldier Equipment

PM Soldier Equipment develops, fields, and sustains the world's best Soldier equipment to advance Soldiers' warfighting capabilities by procuring, adapting, or developing state-of-the-art sensors, lasers, clothing, and other individual equipment, including:

- Man-portable laser/light technologies for pointing and illumination, rangefinding, and target designation
- Night vision capabilities
- Ballistic and fragmentation protection
- Technologically advanced tactical and environmental protective clothing
- Individual chemical protective gear
- Personnel airdrop equipment



Product Manager Clothing and Individual Equipment

Product Manager Clothing and Individual Equipment (CIE) supports Soldiers in operational environments and improves their survivability, situational awareness, health, safety, mobility, lethality, and sustainability by providing state-of-the-art ballistic protection and safe, durable, and operationally effective individual and unit equipment. CIE enhances survivability through technologically advanced tactical and environmental protective clothing and individual chemical protective gear.



Interceptor Body Armor



Advanced Combat Helmet



Army Combat Uniform



Advanced Bomb Suit



Cold Weather Gear



From left to right: Army Combat Boot (Temperate Weather), Army Combat Boot (Hot Weather)



Tactical Assault Ladder System



Parachute, MC1-B/C/E



Improved Aircrew Battle Dress Uniform



Collapsible Grappling Hook



Micro Rappel System



Cupola Protective Ensemble

Modular Lightweight Load-Carrying Equipment (MOLLE)



Product Manager Sensors and Lasers

PM Sensors and Lasers (PM-SSL) enables Soldiers on the ground or in the air to “own the night” by providing them technologies that enhance the lethality of individual and crew-served weapon systems and that improves situational awareness through three core technologies; image intensification, forward looking infrared (FLIR), and lasers:

- Image intensification (I2) devices provide Soldiers and aviators improved night vision and increased situational awareness. Aviation devices enable flight operations under very low ambient light conditions and permit focus outside the aircraft for increased safety.
- Enhanced Night Vision Goggles (ENVG) provide image fusion by combining imagery from image intensification and thermal sensors into a common image.



AN/PVS-10



Night Vision Goggles PVS-7



Monocular Night Vision Device PVS-14



Aviator Night Vision Imaging System (ANVIS)



Lightweight Video Reconnaissance System (LVRS)



Enhanced Night Vision Goggles (ENVG)



Light Thermal Weapon Sight (LTWS)



Medium Thermal Weapon Sight (MTWS)



Heavy Thermal Weapon Sight (HTWS)

- Cooled and uncooled thermal (FLIR) sensors provide Soldiers with surveillance and fire control capability for individual and crew served weapons during degraded battlefield visibility conditions, enabling accurate detection, acquisition, and engagement of targets in all battlefield conditions.

- Infrared and laser technology enable Soldiers to accurately utilize individual and crew served weapons during night engagements, provides laser target location rangefinding as well as laser-designation capability.



Aiming Light/Illuminator
AN/PAQ-4C



Aiming Light/Illuminator
AN/PEQ-2A



Laser Borelight System
(LBS)



Integrated Laser
White-Light Pointer (ILWLP)



Mini Eye-Safe Laser Infrared
Observation Set (MELIOS)



MK VII



Viper (Vector IV-Binocular
Laser Rangefinder)



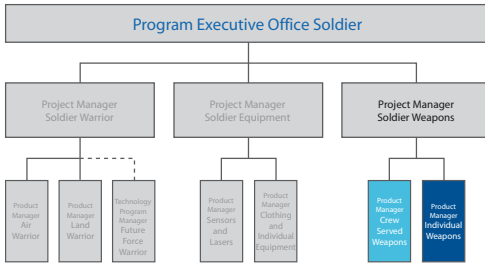
STORM Micro-Laser
Rangefinder (MLRF)



Lightweight Laser
Designator
Rangefinder (LLDR)



Target Acquisition Laser
Observation Night (TALON)



PROJECT MANAGER Soldier Weapons

Project Manager Soldier Weapons (PM SW) supports Soldiers through the development, production, and procurement of future and current weapon systems, ammunition, and associated target acquisition/ fire control products. Soldiers are equipped with the best products industry has to offer, resulting in decisive overmatch capability through increased lethality and range, as well as decreased weight. Two Product Managers under PM SW drive the mission: Product Manager Individual Weapons (PM IW) and Product Manager Crew Served Weapons (PM CSW).

In addition to weapons and ammunition, PM SW manages development and procurement of suppressors, weapons accessory kits, optics, tripods, mounts, and binoculars.



Product Manager Crew Served Weapons

Product Manager Crew Served Weapons (PM CSW) manages light to heavy machine guns, grenade launchers, sniper systems, research and development of small arms ammunition, and related fire control/acquisition products. PM CSW is responsible for the development of all future crew served weapon systems. These future weapons will increase lethality and enhance reliability.



XM307 Advanced Crew Served Weapon



XM312 Lightweight .50 Caliber Machine Gun



MK19 Grenade Machine Gun



M2 Machine Gun



M107 Long Range Sniper Rifle



XM1060 40mm
Thermobaric Cartridge



M240B Medium Machine Gun



M249 Squad Automatic Weapon



Common Remotely Operated Weapon Station
(CROWS)



CROWS-Lightning



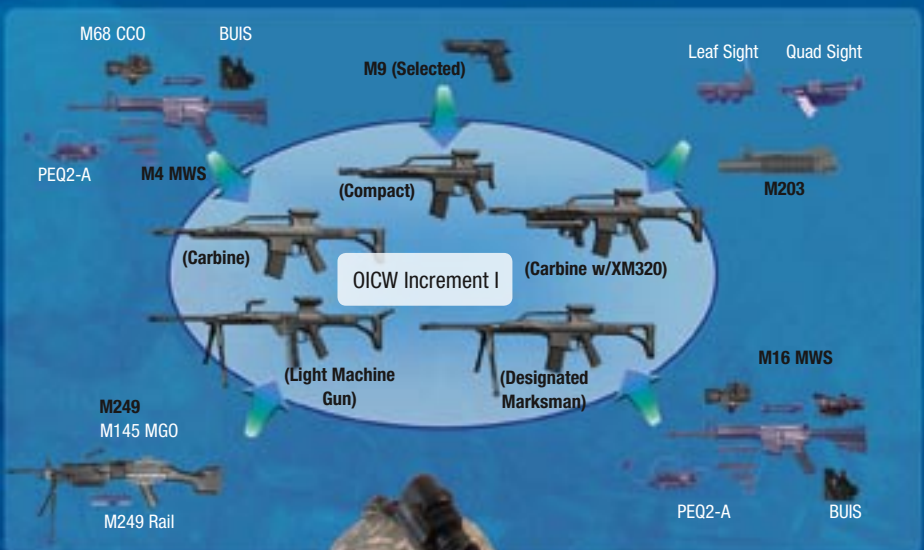
M145 Machine Gun Optic



Product Manager Individual Weapons

Product Manager Individual Weapons (PM IW) manages and is responsible for research and development of rifles, carbines, pistols, shotguns, grenade launchers, small arms ammunition, and related target acquisition/fire control products. These future weapons will increase lethality and enhance reliability.

Objective Individual Combat Weapon System (OICW)



OICW Increment II, XM25



M4 Carbine Modular Weapon System



M16 Rifle



M203 Grenade launcher



M9 Pistol



XM320 Grenade launcher



XM26 Modular Accessory Shotgun System

Program Executive Office Soldier integrates 376 programs, enabling the Soldier to dominate the full spectrum of peace and war, now and in the future.

PEO Soldier comprises the following Project Management and special activities offices:

Project Manager Soldier Warrior

Ft. Belvoir, VA

Product Manager Air Warrior

Redstone Arsenal, AL

Product Manager Land Warrior

Ft. Belvoir, VA

Technology Program Manager

Future Force Warrior

Ft. Belvoir, VA

**Project Manager Soldier
Equipment**

Ft. Belvoir, VA

Product Manager Clothing and
Individual Equipment

Ft. Belvoir, VA

Product Manager Sensors and
Lasers

Ft. Belvoir, VA

**Project Manager Soldier
Weapons**

Picatinny Arsenal, NJ

Product Manager Crew Served
Weapons

Picatinny Arsenal, NJ

Product Manager Individual
Weapons

Picatinny Arsenal, NJ

Rapid Fielding Initiative

Ft. Belvoir, VA

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